



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

International Cellulose Corporation.
12315 Robin Boulevard
Houston, TX 77045

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: K-13 and CELBAR Spray-On Cellulose Insulations

APPROVAL DOCUMENT: Drawing No. **S-2657**, titled "K-13 / Celbar / Spray-On Cellulose Insulation", sheet 1 of 1, prepared by RW Building Consultants, Inc., , dated 04/21/2006, with Revision 3 dated 10/18/2011, signed and sealed by Lyndon F. Schmidt, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each bag shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews and revises** **NOA # 06-0501.03** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
11/09/2011

NOA No. 10-0603.04
Expiration Date: September 4, 2015
Approval Date: November 17, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **S-2657**, titled "K-13 / Celbar / Spray-On Cellulose Insulation", sheet 1 of 1, prepared by RW Building Consultants, Inc., dated 04/21/2006, with Revision 3 dated 10/18/2011, signed and sealed by Lyndon F. Schmidt, P.E.

B. TESTS

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	RD10629-R1	ASTM C1149	06/22/11	David W. Yarbrough, P.E.
2.	RD10630-R1	ASTM C1149	06/22/11	David W. Yarbrough, P.E.
3.	RD10349-R1	ASTM C518	06/22/11	David W. Yarbrough, P.E.
4.	RD10371-R1	ASTM C518	06/22/11	David W. Yarbrough, P.E.
5.	R5499	UL723	07/26/10	James F. Smith
6.	ITS 3083386	ASTM E84	10/18/05	John W. Dougherty, P.E.
7.	ITS 3083387-500	ASTM D1929	10/19/05	John W. Dougherty, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

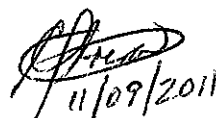
1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2007 and 2010 FBC and no financial interest, dated 10/18/2011, signed and sealed by Lyndon F. Schmidt, P.E.


11/09/2011

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 10-0603.04

Expiration Date: September 4, 2015
Approval Date: November 17, 2011

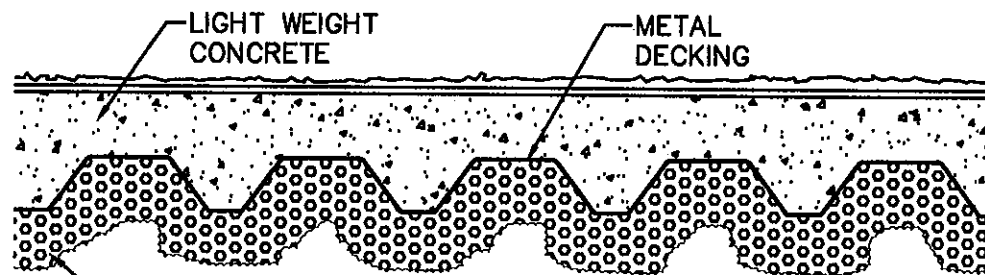


International Cellulose Corporation

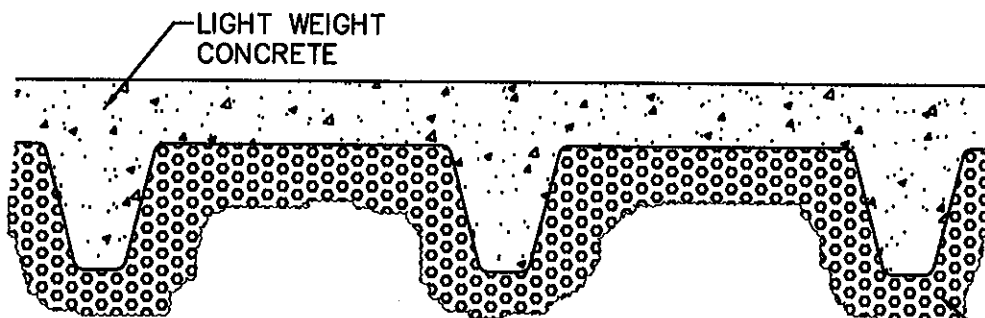
12315 ROBIN BLVD. HOUSTON, TX.
TEL: 800-444-1252

GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2007/2010 EDITION OF THE FLORIDA BUILDING CODE (FBC) INCLUDING THE "HIGH VELOCITY HURRICANE ZONE" (HVHZ).
2. THIS DRAWING DEPICTS THE TYPICAL INSTALLATION OF THE CELLULOSE INSULATION AND DOES NOT ATTEMPT TO ADDRESS ANY ADDITIONAL CODE REQUIREMENTS THAT MAY BE APPLICABLE AND PERTAINING TO BARRIERS, COVERINGS OR SUBSTRATE CONSTRUCTION.
3. THIS PRODUCT IS APPROVED TO BE APPLIED ON THE INTERIOR SIDE ONLY. THE EXTERIOR WALL AND/OR ROOF MUST COMPLY WITH THE APPLICABLE SECTION(S) OF THE 2007 FBC.



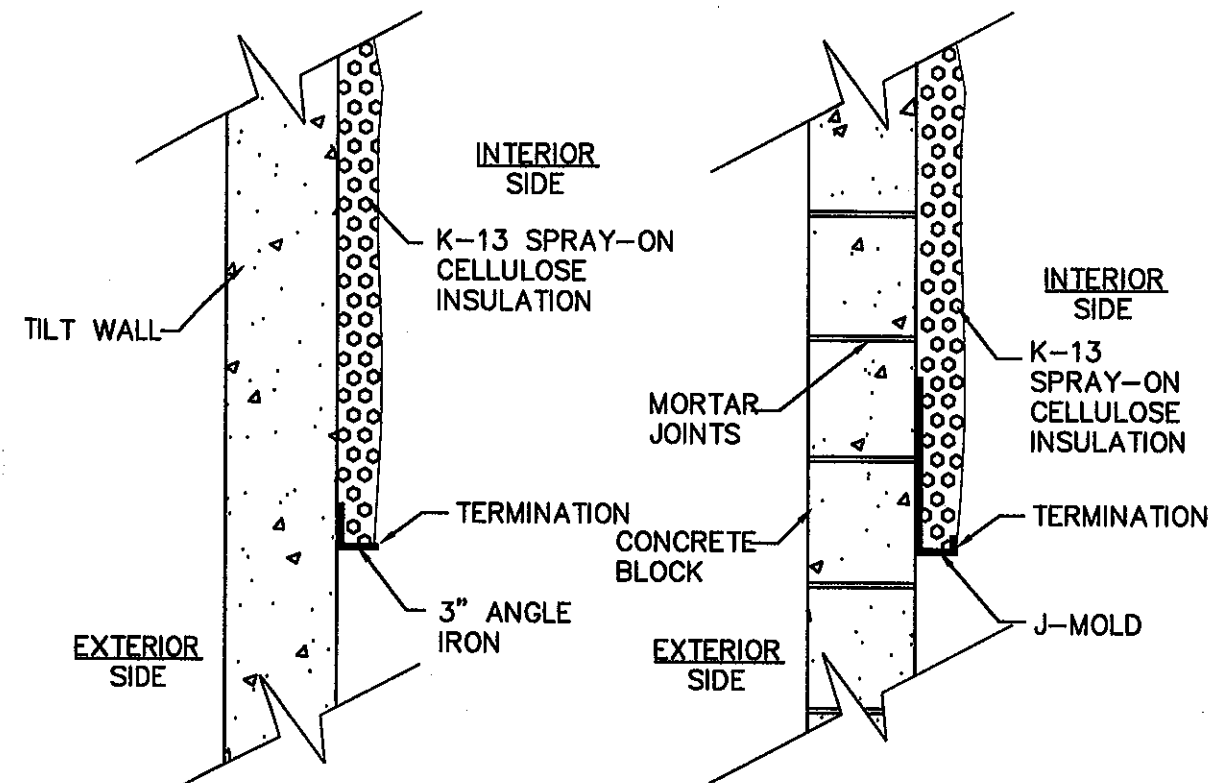
TYPICAL ROOF DECK - VERTICAL SECTION



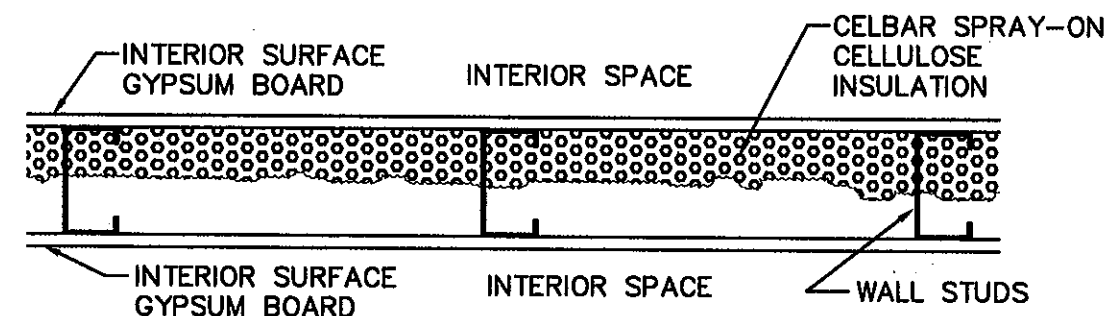
TYPICAL UNDERDECK PARKING - VERTICAL SECTION

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 10-0603.04
Expiration Date 09/04/2015
By [Signature]
Initial Trade Product Control

MATERIAL PROPERTIES			
TEST SPECIFICATION		K-13	CELBAR
ASTM E605	DENSITY	3.30 #/CU. FT.	3.26 #/CU. FT.
ASTM C1149	SMOLDERING COMBUSTION	<1% LOSS	<1% LOSS
ASTM C1149	FUNGI RESISTANCE	NO GROWTH	NO GROWTH
ASTM C1149	CORROSIVENESS	<3mm PERFORATION	NO PERFORATION
ASTM C1149	MOISTURE VAPOR ABSORPTION	3.1% GAIN	3.3% GAIN
ASTM C1149	ODOR EMISSION	PASS	PASS
ASTM C518	THERMAL RESISTANCE	3.73°F-SQ.FT.-h/BTU/in.	3.74°F-SQ.FT.-h/BTU/in.
ASTM E84	FLAME SPREAD INDEX	5	15
ASTM E84	SMOKE DEVELOPMENT INDEX	5	0
ASTM E759	BOND DEFLECTION	NO SPALLING/DELAMINATION	N/A
ASTM D1929	FLASH IGNITION TEMP.	572°F	572°F
ASTM D1929	SPONTANEOUS IGNITION TEMP.	914°F	914°F



TYPICAL WALL TERMINATION DETAILS - VERTICAL SECTION
SPRAY-ON INSULATION APPLIED TO INTERIOR SURFACES ONLY



TYPICAL INTERIOR WALL - HORIZONTAL SECTION
NOTE: THIS APPLICATION IS ONLY FOR INTERIOR WALLS WHERE
INTERIOR SPACES ARE ON EACH SIDE OF THE WALL.

DESCRIPTION OF PRODUCT

A CELLULOSE SPRAY-ON DESIGNED TO BE SPRAY APPLIED TO THE INTERIOR SURFACE OF BUILDINGS AND COMPONENTS AND BONDS TO ALL COMMON MATERIALS OF CONSTRUCTION SUCH AS METAL, WOOD OR CONCRETE. NORMAL APPLIED THICKNESS IS FROM 1 TO 4" (CELBAR) & 1 TO 6" (K-13). THE K-13 IS APPLIED WITH A LIQUID ADHESIVE AND SK-2000 EMULSION.

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
10-18-0
Lyndell F. Schmidt, P.E. NO. 43409

PRODUCT:
INTERNATIONAL CELLULOSE CORP.
K-13 / CELBAR / SPRAY-ON
CELLULOSE INSULATION

PART OR ASSEMBLY:
TYPICAL INTERIOR APPLICATION
TO INTERIOR SUBSTRATES

NO.	DATE	REVISIONS
3	10/18/11	UPDATE TO THE 2010 FBC
2	09/14/11	REVISED TO THE 2007 FBC
1	06/12/06	REVISED PER DADE LETTER

DATE: 04/21/06

SCALE: N.T.S.

DWG. BY: EW

CHK. BY: LFS

DRAWING NO.:
S-2657

SHEET 1 OF 1